FORM PTO-1083

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: KINOSHITA, H., et al. Serial No: 08/808,315

Filed: February 27, 1997

SAPPHIRE MONOCRYSTAL, SEMICONDUCTOR LASER DIODE USING THE SAME FOR

SUBSTRATE, AND METHOD FOR MANUFACTURING THE SAME

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Art Unit: 2812 Examiner: CHANG, Y.



Transmitted herewith is an amendment in the above-identified application. Small entity status of this application under 37 C.F.R. §§ 1.9 & 1.27 has been established by a verified statement previously submitted.

A verified statement to establish small entity status under 37 C.F.R. §§ 1.9 & 1.27 is enclosed.

A certified copy of ____ Patent Application No. ___ filed ___ from which priority is claimed under 35 U.S.C. § 119 is enclosed.

The fee has been calculated as shown below:

	(Col. 1) CLAIMS REMAINING AFTER AMENDMENT		(Col. 2) HIGHEST NUMBER PREVIOUSLY PAID FOR		(Col. 3) PRESENT EXTRA*	LG/SM \$ ENTITY FEE		ADD'L FEE DUE	
TOTAL CLAIMS FEE	5	-	20	**	0	LG=\$18 SM=\$9	\$18	\$	· 0
INDEPENDENT CLAIMS FEE	3	-	3	***	0	LG=\$78 SM=\$39	\$78	\$	0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS LARGE ENTITY FEE = \$260 SMALL ENTITY FEE = \$130								\$	0
						-	TOTAL	\$	0

If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box on Col. 1 of a prior amendment or the number of claims originally filed.

A check in the amount of \$ 0 to cover the additional claims fee is enclosed. A copy of this sheet is

A check in the amount of \$110 to cover the extension fee is enclosed. A copy of this sheet is enclosed. X

The Commissioner is hereby authorized to charge any deficiencies of fees associated with this communication or credit any overpayment to Deposit Account No. 12-1820. A copy of this sheet is enclosed.

Any filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims

Any patent application processing fees under 37 C.F.R. § 1.17

Date: September 23, 1999

10100 Santa Monica Blvd., 22nd Floor Los Angeles, California 90067-4164

Telephone: 310-282-2000 Facsimile: 310-282-2192

CC223889.1 000247D5385 09/23/1999 Ild Respectfully submitted LOEB & LOEB LLP By: John P. Scherlacher Registration No. 23,009 Attorney for Applicant(s)



PATENT 0247D-5385,

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Hiroyuki Kinoshita et al.

Serial No: 08/808,315

Filed: February 27, 1997

For: Sapphire Monocrystal, Semiconductor

Laser Diode Using the Same for

Substrate, and Method for Manufacturing the Same

AMENDMENT

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated June 4, 1999, please amend the above-referenced application as follows:

IN THE SPECIFICATION:

On page 9, line 13, delete "is widely" and insert --may be--.

IN THE CLAIMS:

Please cancel claims 1-8 and add new claims 17-21 as follows:

--17. A tool comprising a sapphire monocrystal body having a sharp edge formed by a orking plane and a cleavage plane parallel to a plane R of the sapphire monocrystal.

18. A semiconductor device comprising:

a substrate formed of a sapphire monocrystal, the substrate having a major face and a side face, the side face being a cleavage plane parallel to a plane R of the sapphire monocrystal; and a semiconductor element formed on the major face of the sapphire substrate.

Art Unit: 2812

Examiner: Yoni Y. Chang

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Assistant Commissioner for Patents Washington D.C. 20231, on

September 23, 1999
Date of Deposit
John P. Scherlacher

L. P. Surlad

Signature

Date

TO SHOU MAIL ROOM

CC212752.1 000247D5385 09/23/1999 IId